



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/582,392

Confirmation No.: Herewith

Filing Date: June 9, 2006

Inventor(s): Horsky, et al.

Group Art Unit: Unknown

Examiner Name: Unknown

Attorney Docket No.: 211843-00044

Title: Method and Apparatus for Extending Equipment Uptime in Ion Implantation

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

I. TIME OF FILING

X This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:

_____ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);

_____ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;

X before the mailing of a first Office action on the merits; or

_____ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

_____ This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

_____ the following statements; or

_____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

_____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

_____ The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

OR

_____ This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

_____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

_____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

OR

_____ It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

_____ One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.

_____ A copy of the search report is attached.

III. COPIES OF CITED REFERENCES

_____ Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

_____ Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

_____ All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

_____ One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.

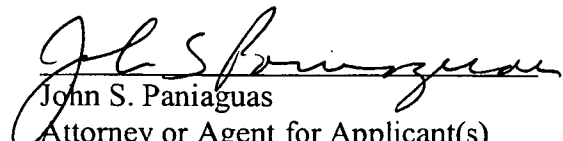
IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: 8-17-06

By:


John S. Paniaguas
Attorney or Agent for Applicant(s)
Reg. No. 31,051



PTO/SB/08A (07-06)

Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/B.S.		US- 4,254,340	01-08-1979		
		US- 4,409,486	05-29-1981		
		US- 4,512,812	09-22-1983		
		US- 4,529,474	01-30-1984		
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		US- 4,657,616	05-17-1985		
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		US- 5,083,061	11-15-1990		
		US- 5,089,747	02-16-1990		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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/Bernard Souw/

Date
Considered

02/29/2008

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		US- 5,097,179	01-25-1991		
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		US- 5,186,120	12-04-1991		
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		US- 5,751,002	01-30-1996		
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/B.S./		US- 5,785,796	12-24-1996		

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/B.S.		US- 5,788,778	09-16-1996		
		US- 5,824,375	10-24-1996		
		US- 5,832,177	04-21-1995		
		US- 5,843,239	03-03-1997		
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/B.S./		US- 6,160,262	10-21-1998		
		US- 6,178,925 B1	09-29-1999		
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FOREIGN PATENT DOCUMENTS

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/Bernard Souw/

Date Considered

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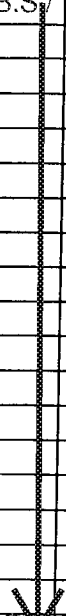
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Substitute for form 1449/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(Use as many sheets as necessary)</p>		<h3 style="text-align: center;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/582,392</td> </tr> <tr> <td>Filing Date</td> <td>June 9, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Horsky, et al.</td> </tr> <tr> <td>Art Unit</td> <td>Herewith</td> </tr> <tr> <td>Examiner Name</td> <td>Herewith</td> </tr> <tr> <td>Attorney Docket Number</td> <td>211843-00044</td> </tr> </table>		Application Number	10/582,392	Filing Date	June 9, 2006	First Named Inventor	Horsky, et al.	Art Unit	Herewith	Examiner Name	Herewith	Attorney Docket Number	211843-00044
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		US- 6,489,622 B1	03-01-2000			
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	/Bernard Souw/	Date Considered	02/29/2008
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STATEMENT BY APPLICANT**

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Sheet 7

of

Complete if Known

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

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Sheet **8** of**Complete if Known**

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Sheet	9	of
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		JP 55-145338				
		JP 56-166935				
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